Ambient Air Monitoring Shelters

FY2024 Request: **$100,000**
Reference No: **64698**

AP/AL: Appropriation
Project Type: Equipment / Commodities
Category: Health/Human Services
Location: Statewide
House District: Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40)
Contact: Jason Olds
Estimated Project Dates: 07/01/2023 - 06/30/2028
Contact Phone: (907)465-5303

Brief Summary and Statement of Need:
The Department of Environmental Conservation (DEC) will replace five small commercial air monitoring shelters for the regulatory network of continuous particulate matter (PM) analyzers and the replacement of sensor pods and pod components used in the state's low-cost non-regulatory community-based monitoring network.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1004 Gen Fund	$100,000						$100,000
Total:	$100,000	$0	$0	$0	$0	$0	$100,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ Ongoing
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

Project Description/Justification:
The DEC is responsible for statewide ambient air quality monitoring to ensure that air meets national public health and welfare standards as part of the State's Primacy in Air Quality under the Clean Air Act of 1970. The state is required to regulate emission of pollutants that "endanger public health and welfare." State air monitoring stations provide data that guide all regulatory processes. Further, these regulatory stations are essential for the assessment of public health risks from air pollutants, which allow the state to comply with federal standards.

To compliment these efforts, deferred maintenance funding will be used for the replacement of sensor components used in low-cost non-regulatory sensor pods in rural Alaska which help monitor heath impacts in remote communities and villages. Low-cost sensor pods, while not providing regulatory grade data, allow the state to identify potential health impacts to residents in rural Alaska on a short- and long-term basis without the high cost and burdens of regulatory monitoring.